Amendments to the Specification:

Please delete the paragraph from page 22, line 23 through page 23, line 16, and replace it with the following revised paragraph:

Amphiphilic peptides of cecropin group were first found in a fruit fly and later in a silkworm pupa and in ~~a~~ pig intestine[[, too]]. While cecropin A was reported to have high anti-bacterial activity but low anti-fungal and anticancer activity (Boman, H. G. and Hultmark, D., *Annu. Rev. Microbiol.*, 1987, 41, 103), magainin 2 was known not to have ~~cytotoxicity~~ cytotoxic activity, but to have appreciable anti-bacterial, anti-fungal, anticancer and anti-protozoa activity (Zasloff, M., *Proc. Natl. Acad. Sci.* USA, 1987, 84, 5449). It has been further reported that new synthetic peptides having excellent anti-bacterial, anti-fungal and anticancer activity could be prepared by constructing ~~conjugation peptide recombinated some~~ conjugated peptides by recombination from parts of the sequences of the above two peptides (Chan, H. C., et al., *FEBS Lett.*, 1989, 259, 103; Wade, D., et al., *Int. J. Pept. Prot. Res.*, 1992, 40, 429).

Please delete the three paragraphs from page 12, lines 6 through 25, and replace them with the following three revised paragraphs:

Also, anti-bacterial activity of the peptide of the present invention against ~~*Baseilus*~~ *Bacillus subtilis* and *Pseudomonas aeruginosa* was measured on an LB agar plate. As a result, the synthetic peptide of the present invention represented by ~~the~~ SEQ. ID. NO: 2 was confirmed to have remarkable anti-bacterial activity, compared ~~comparing~~ to the CA-MA conjugation peptide (see Fig.1 and Fig. 2).

In addition, observing the anti-bacterial activity of the CA-MA peptide of the present invention against ~~*Baseilus*~~ *Bacillus subtilis* and *Pseudomonas aeruginosa* with scanning electron microscopy also supported the same result as above (see Fig. 3 and Fig. 4).

Again, the synthetic peptide of the present invention represented by ~~the~~ SEQ. ID. NO: 2 was confirmed to have remarkable anti-bacterial activity ~~comparing~~ compared to the ~~comparative group using~~ CA-MA conjugation peptide, which ~~was~~ resulted from observing the dynamic

condition of lipid membrane after ~~*Baseilus*~~ *Bacillus subtilis* and *Pseudomonas aeruginosa* were treated with the synthetic peptide (see Fig. 5).

Please delete the paragraph from page 22, line 23 through page 23, line 16, and replace it with the following revised paragraph:

The present inventors used ~~*Baeilus*~~ *Bacillus subtilis* (KCTC 1918) and ~~*Stapilococus*~~ *Staphylococcus epidermidis* (KCTC 1917) as Gram-positive bacteria, and *Pseudomonas aeruginosa* (KCTC 1637) and *Salmonella typhimurium* (KCTC 1926) as Gram-negative bacteria for this experiment. All the bacteria used in this experiment were given by Korea Research Institute of Bioscience and Biotechnology (KRIBB). Each ~~bacteria~~ bacterial strain was cultured in LB medium(1% bacto-trypton, 0.5% ~~bacto-yeast~~ bacto-yeast extract, 1% sodium chloride) to the mid-log phase, and diluted with 1% bacto-peptone medium at the concentration of 1 X 10^4 cells/100μl. The diluted bacteria were loaded into a micro-titrate plate. Antibiotic peptide synthesized in Example 1 and CA-MA peptide (as a comparative group) were half-fold diluted consecutively from 25 μM/well, and added into the plate for ~~6-hour~~ culture at 37° for 6 hours. Finally, the MIC of each strain was determined by observing the OD_{620} with a micro-titrate plate reader. The results ~~were~~ are described in Table 1.

Please delete the paragraph from page 24, lines 7 through 19, and replace it with the following revised paragraph:

In order to visualize the antibiotic activity of the synthetic peptide of the present invention on the plate, *Pseudomonas aeruginosa* and ~~*Baeilus*~~ *Bacillus subtilis* were inoculated in LB medium (1% bacto trypton, 0.5% yeast extract, 1% sodium chloride), and cultured to mid-log phase. Particularly, 4 X 10^5 *P. aeruginosa* cells were loaded into the medium, and 4 μM of synthetic peptide was added thereto. 4 X 10^5 *B. subtilis* cells were also loaded into the medium, and 1 μM of synthetic peptide was added thereto. After culturing for 2 hours at 37°, the culture fluid was smeared on an LB plate to visualize the cells. At this time, CA-MA peptide was used as a comparative group.